

Amendments to the Claims:

1. (Currently amended): ~~[[Live]]~~ A live, attenuated bacterium of the genus *Escherichia*, *Yersinia* or *Salmonella*, said bacterium not having a functional tRNA₅^{leu}, ~~for use in a vaccine.~~
2. (Currently amended): ~~[[Live]]~~ The live, attenuated bacterium ~~for use~~ according to claim 1, said bacterium not having a functional tRNA₅^{leu} as a result of a mutation in the *leux* gene.
3. (Currently amended): ~~[[Live]]~~ The live, attenuated bacterium ~~for use~~ according to claim 1 ~~[[or 2]]~~, wherein said bacterium is selected from the group consisting of *E. coli*, *S. enterica* serotype *typhimurium*, *enteritidis*, *choleraesuis*, *dublin*, *typhi*, *gallinarum*, *abortusovi*, *abortus-equi* ~~[[or]]~~ and *pullorum*.
4. (Currently amended): ~~[[Live]]~~ The live, attenuated bacterium ~~for use~~ according to claim 2 ~~1-3, characterised in that~~ wherein the mutation comprises an insertion and/or a deletion.
5. (Currently amended): ~~[[Live]]~~ The live, attenuated bacterium ~~for use~~ according to ~~elams~~ claim 1, wherein said bacterium carries a heterologous gene.
6. (Currently amended): ~~[[Live]]~~ The live, attenuated bacterium ~~for use~~ according to claim 5 ~~characterised in that the~~ wherein the heterologous gene is inserted in the *leux* gene.
7. (Currently amended): ~~Live-attenuated~~ A vaccine for the protection of animals and humans against infection with a pathogenic bacterium or the pathogenic effects thereof, ~~characterised in that said vaccine comprises a~~ comprising the bacterium ~~as defined in claims 1-6 of claim 1~~ and a pharmaceutically acceptable carrier.

Express Mail: EV 630723145 US
U.S. National Phase of PCT/US2004/027896
Attorney Docket: I-2003.009 US
Preliminary Amendment

8. (Currently amended): ~~Live-attenuated~~ The vaccine according to claim 7, ~~characterised in that it comprises~~ comprising an adjuvant.

9. (Currently amended): ~~Live-attenuated~~ The vaccine according to claim 7 ~~or 8,~~ ~~characterised in that it is~~ in a freeze-dried form.

Claims 10-11 (Canceled).

12. (New): A method for protecting a susceptible human or animal from infection with a pathogenic bacterium, comprising administering an effective amount of vaccine according to claim 7.